explore beyond limits™

LCD MONITOR
B296CL

User Guide

Quick Guide

Acer LCD Monitor Quick Start Guide (QSG)

English

Important safety instructions

Please read the following instructions carefully.

1. To clean the LCD monitor screen:
   - Turn off the LCD monitor and unplug the power cord.
   - Spray a non-solvent cleaning solution onto a rag and clean the screen gently.
2. Do not place the LCD monitor near a window. Exposing the monitor to rain, moisture or sunlight can severely damage it.
3. Do not apply pressure to the LCD screen. Excessive pressure may cause permanent damage to the display.
4. Do not remove the cover or attempt to service this unit yourself. An authorized technician should perform servicing of any nature.
5. Store the LCD monitor in a room with a temperature of -20° to 60° C (-4° to140° F). Storing the LCD monitor outside this range may result in permanent damage.
6. Immediately unplug your monitor and call an authorized technician if any of the following circumstances occur:
   - Monitor-to-PC signal cable is frayed or damaged.
   - Liquid spills onto the LCD monitor or the monitor is exposed to rain.
   - The LCD monitor or case is damaged.

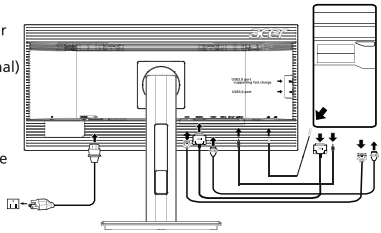
Package contents

LCD monitor	Power cord	Audio cable (optional)	HDMI Cable (Optional)	DVI cable (optional)	DP cable (optional)	USB cable (optional)	Quick start guide

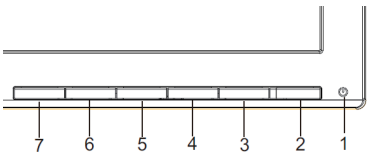
Attaching the monitor to the base

1. Remove the monitor from the packaging.
2. Attach the footstand to the base. (for selected models)
3. Turn clockwise to lock. Ensure that the base in locked onto the stand. (for selected models)
4. Secure the base to the stand by turning the screw using the intergrated tab or a suitable coin. (for selected models)

Connecting your monitor to a computer



1. Turn off your computer and unplug your computer's power cord.
2. Connect the signal cable to the HDMI and/or DVI-D (optional) and /or DP (optional) input socket of the monitor, and the HDMI and/or DVI-D (optional) and/or DP (optional) output socket of the graphics card on the computer. Then tighten the thumbscrews on the signal cable connector.
3. Optional: Connect the audio input socket (AUDIO IN) of the LCD monitor and the line-out port on the computer with the audio cable.
4. Connect the USB Cable(Optional)
   Connect the USB 3.0 cable to port for fast charge.
   Connect the USB 3.0 cable to port.
5. Insert the monitor power cable into the power port at the back of the monitor.
6. Plug the power cords of your computer and your monitor into a nearby electrical outlet.



External controls

1&2	⏻	Power button	Turns the monitor on/off. Blue indicates power on. Amber indicates standby/ power saving mode.
3&4	</>	Minus / Plus	If the OSD is active, press the **Minus** or **Plus** buttons to toggle between the OSD options. If the OSD is inactive, press the **Minus** or **Plus** buttons to adjust the volume. **(Optional)**
5	Menu	OSD functions	Press to view the OSD. Press again to enter a selection in the OSD.
6	PIP	picture in picture hotkey	Use the PIP hotkey to active the picture-in-picture function.
7	e	Empowering Key	a. When the OSD menu is active, this button will act as the exit key (exit OSD menu). b. When the OSD menu is inactive, press this button to select scenario mode.

Regulations and safety notices

FCC notices

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

CE declaration of conformity

Hereby, Acer Inc., declares that this LCD monitor is in compliance with the essential requirements and other relevant provisions of EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC, and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of ecodesign requirements for energy-related product.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with EMC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user authority, which is granted by the Federal Communications Commission, to operate this product.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

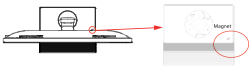
Notice: Canadian users

CAN ICES-3(B)/NMB-3(B)

Disposal of waste equipment by user in private household in the European Union

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information ab ut where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Warning Message for Magnet



Certain electronic devices such as hard drives, USB devices, tablet computers, laptops, cellphones, watches, earphones, speakers, credit cards, magnetic ID cards, etc. are sensitive to magnetic fields and may be damaged permanently or temporarily disabled if exposed to a magnetic field that is too strong. Electronic devices should not be put close to or directly on the magnetic area of monitor base.

SPECIFICATION

LCD Panel	Driving system	TFT Color LCD
	Size	29"W(73 cm)
	Pixel pitch	0.263 mm(H) x 0.263 mm(V)
	Brightness	300cd/m^2(Typical)
	Contrast	100,000,000:1Max. (ACM)
	Viewable angle	178° (H) 178° (V) (CR=10)
	Response time	8ms (G to G)
	Panel Type	IPS
	Video	Digital Interface
	H-Frequency	15KHz – 99KHz
	V-Frequency	23-76Hz
Display Colors		16.7M Colors
Dot Clock		330MHz
Max. Resolution		2560 x 1080@60Hz
Plug & Play		VESA DDCCI/DDC2B
Power consumption @200cd/m^2	ON Mode	36.3W(typ.)
	Sleep Mode	0.45W(typ.)
	Off Mode	0.35W(typ.)
Input Connector		DVI-D 24pin (Only Dual-Input Model) DisplayPort 19pin (Only DP Model) HDMI 19pin (Only HDMI Model) USB Hub / USB3.0 x 4 (Only USB Hub Model)
Output Connector		DisplayPort 19pin (Only DP Model)
Input Video Signal		Digital signal (Only Dual-Input Model) DP signal (Only DP Model) HDMI signal(only HDMI-Input Model)
Output Video Signal		DisplayPort 19pin (Only DP Model)
Speakers		2W x 2(Only Audio-Input Model)
Maximum Screen Size		Horizontal:673mm Vertical:284mm
Power Source		100-240V~, 50/60Hz
Environmental Considerations		Operating Temp: 5° to 35°C Storage Temp: -20° to 60°C Operating Humidity: 10% to 85%
Dimensions		700 (W) x 374~524(H) x 247(D)mm
Weight (N. W.)		8.75kg Unit (net)
Mechanism spec		Tilt: -5° to +35° Swivel: Yes Height adjustment: 150mm Pivot: Yes Detachable foot stand: Yes (by Release button) After rotating, the tilt spec will be 0° to +35°; swivel spec will be -10° to +10°.
External Controls:	Switch / Buttons	Power Button Left(<) /Right(>) MENU/ENTER PIP E(Empowering) Key
	Functions	Contrast Brightness ACM On\Off 6-axis Saturate 6-axis Hue Detect Video (Warm) Color (Cool) Color RGB Color temperature Language OSD timeout Input signal Selection (only Dual input model) DDCCI On/Off Display information Reset Exit

* All specifications are subject to change without notice.

Regulatory Compliance

R33037 N214 ME61 UA.TR.002 LR60441